

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082823\
 Data File : VX037321.D
 Acq On : 29 Aug 2023 05:34
 Operator : JC/MD
 Sample : 04126-18DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20230821DL

Quant Time: Aug 29 07:21:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

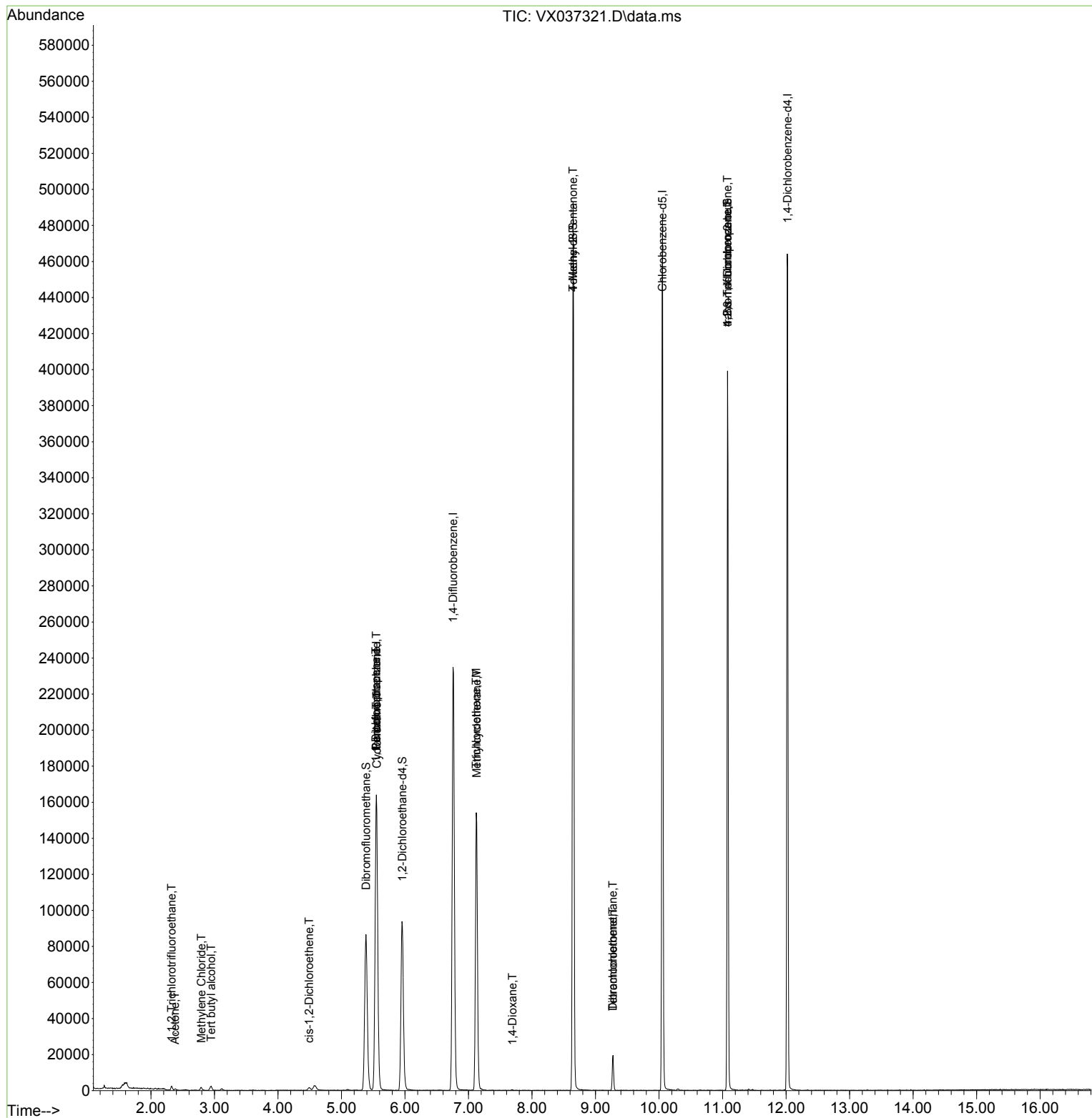
Internal Standards						
1) Pentafluorobenzene	5.550	168	154896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	254850	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95148	42.608	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.220%
35) Dibromofluoromethane	5.385	113	76912	45.569	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.140%
50) Toluene-d8	8.647	98	296906	48.496	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.000%
62) 4-Bromofluorobenzene	11.079	95	109741	45.612	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.220%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	880	0.537	ug/l	90
11) Tert butyl alcohol	2.947	59	1535	2.930	ug/l #	78
16) Acetone	2.380	43	567	0.649	ug/l	91
20) Methylene Chloride	2.794	84	1013	0.519	ug/l #	78
27) cis-1,2-Dichloroethene	4.489	96	1142	0.534	ug/l	82
31) Cyclohexane	5.556	56	3108	1.238	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11787	4.916	ug/l #	51
38) Carbon Tetrachloride	5.550	117	16633	6.386	ug/l #	15
39) Methylcyclohexane	7.129	83	701	0.278	ug/l #	1
44) Trichloroethene	7.123	130	62182	31.887	ug/l	99
49) 1,4-Dioxane	7.690	88	257	5.032	ug/l #	53
51) 4-Methyl-2-Pentanone	8.647	43	1049	0.444	ug/l #	1
60) Dibromochloromethane	9.275	129	3642	1.849	ug/l #	11
64) Tetrachloroethene	9.275	164	3830	2.320	ug/l	84
76) 1,2,3-Trichloropropane	11.079	75	53782	24.706	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	53782	69.004	ug/l #	5

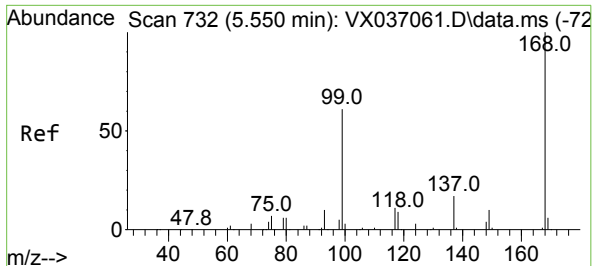
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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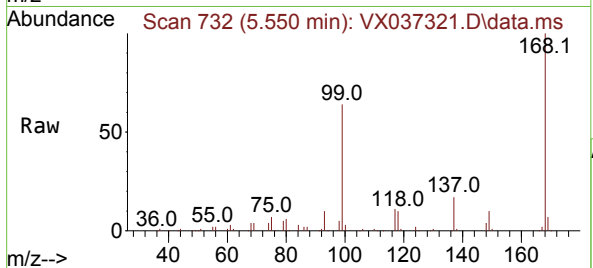
Quant Time: Aug 29 07:21:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
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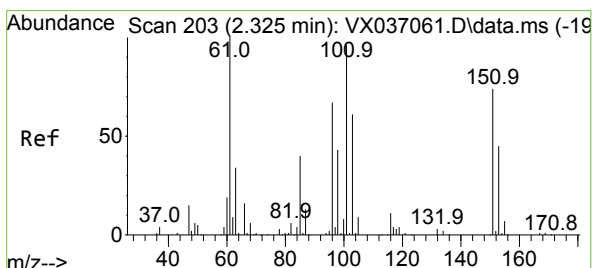
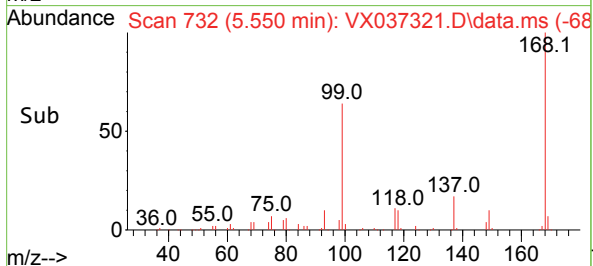
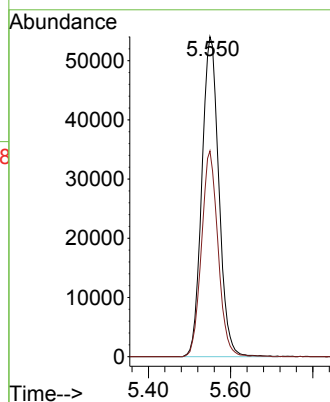


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037321.D
Acq: 29 Aug 2023 05:34

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20230821DL

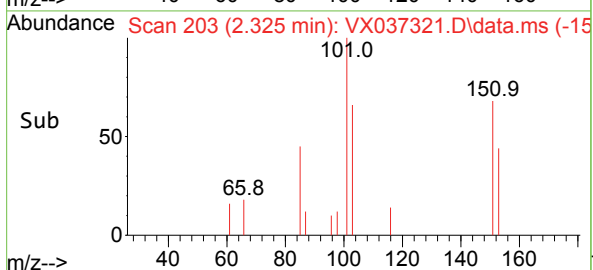
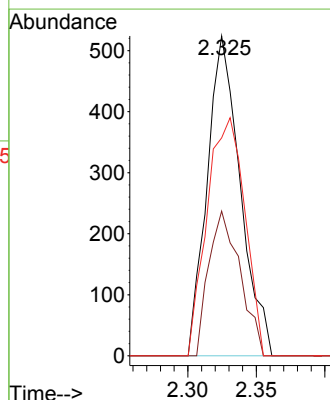
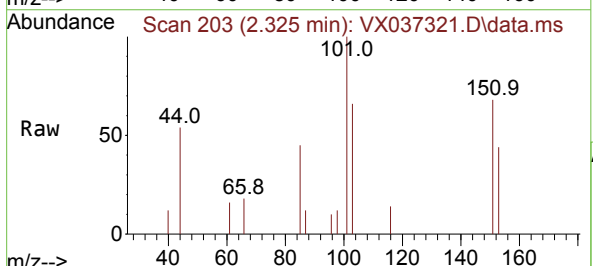


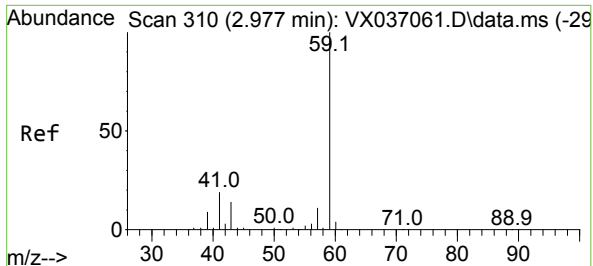
Tgt Ion:168 Resp: 154896
Ion Ratio Lower Upper
168 100
99 64.3 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.537 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX037321.D
Acq: 29 Aug 2023 05:34

Tgt Ion:101 Resp: 880
Ion Ratio Lower Upper
101 100
85 42.7 37.0 55.6
151 84.7 58.6 87.8





#11

Tert butyl alcohol

Concen: 2.930 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.031 min

Lab File: VX037321.D

Acq: 29 Aug 2023 05:34

Instrument :

MSVOA_X

ClientSampleId :

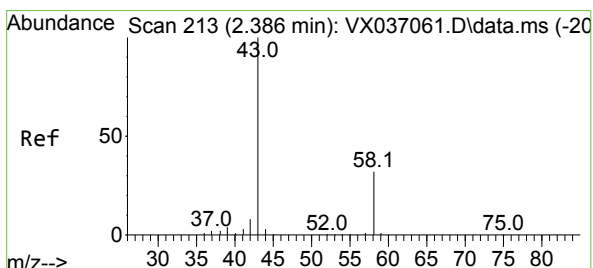
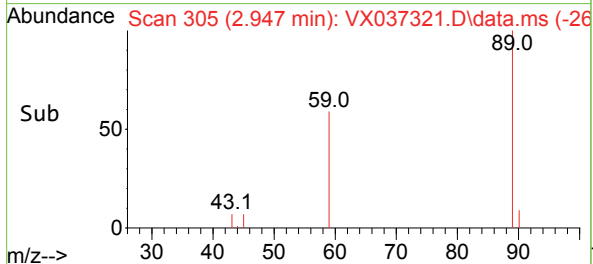
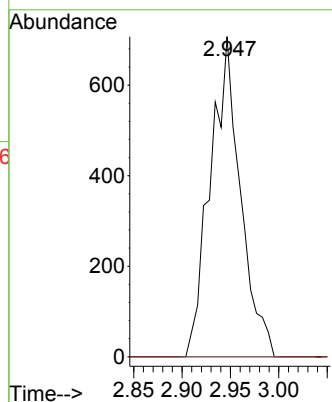
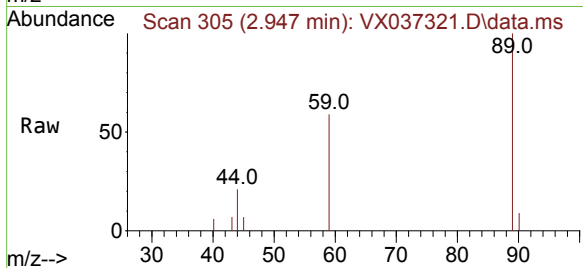
RE131D1-20230821DL

Tgt Ion: 59 Resp: 1535

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 0.649 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX037321.D

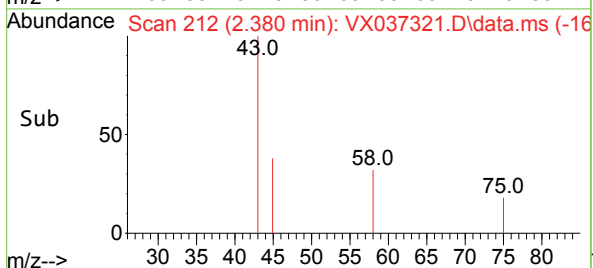
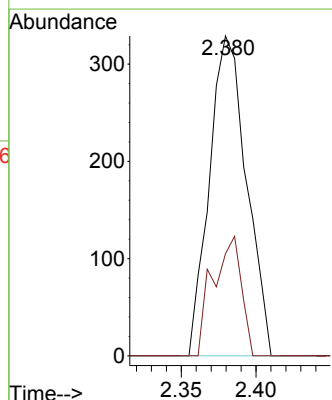
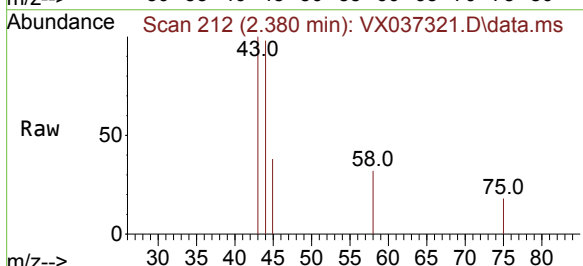
Acq: 29 Aug 2023 05:34

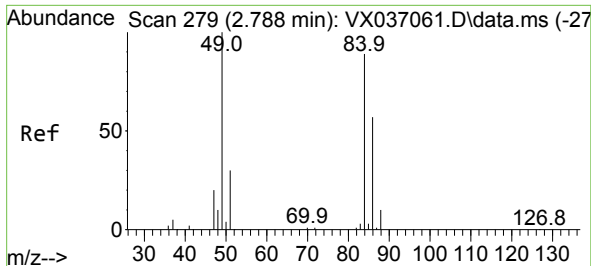
Tgt Ion: 43 Resp: 567

Ion Ratio Lower Upper

43 100

58 31.9 21.9 32.9





#20

Methylene Chloride

Concen: 0.519 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX037321.D

Acq: 29 Aug 2023 05:34

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20230821DL

Tgt Ion: 84 Resp: 1013

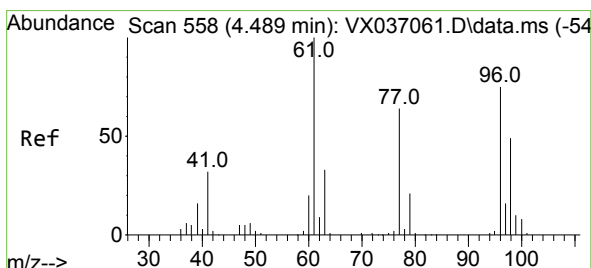
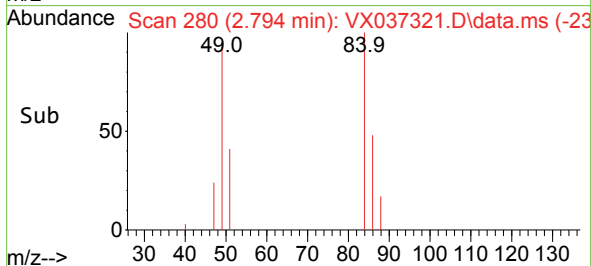
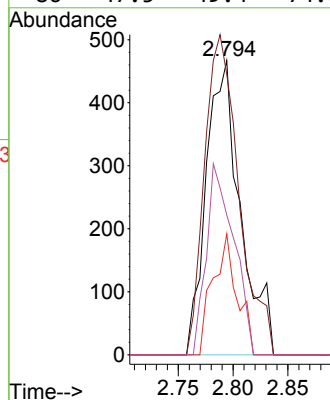
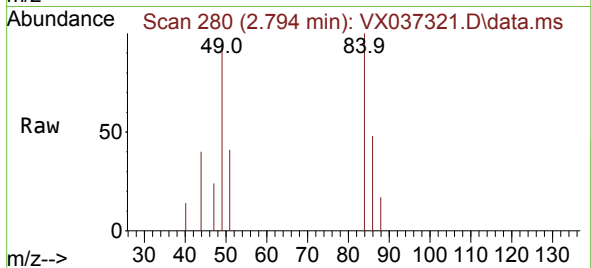
Ion Ratio Lower Upper

84 100

49 95.3 103.6 155.4#

51 41.1 33.8 50.6

86 47.5 49.4 74.0#



#27

cis-1,2-Dichloroethene

Concen: 0.534 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX037321.D

Acq: 29 Aug 2023 05:34

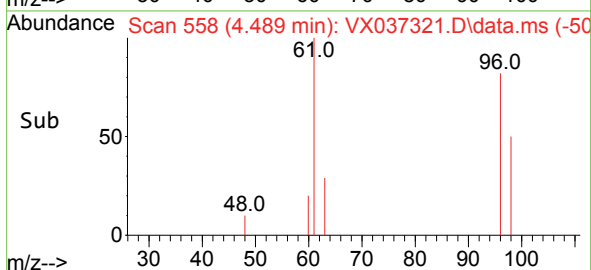
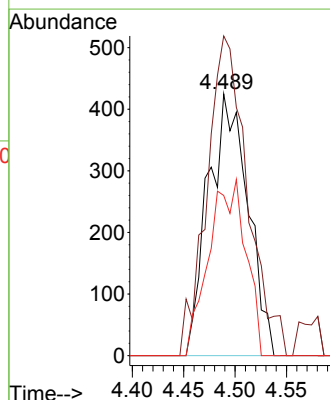
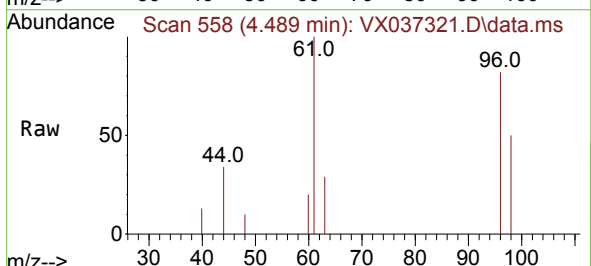
Tgt Ion: 96 Resp: 1142

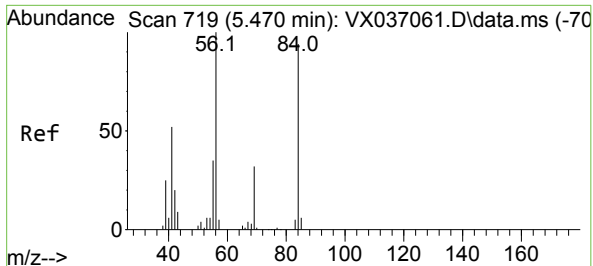
Ion Ratio Lower Upper

96 100

61 124.7 0.0 312.2

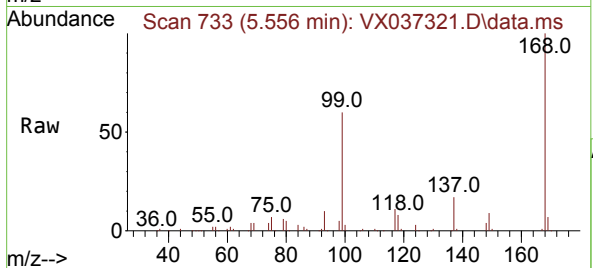
98 62.6 0.0 129.0



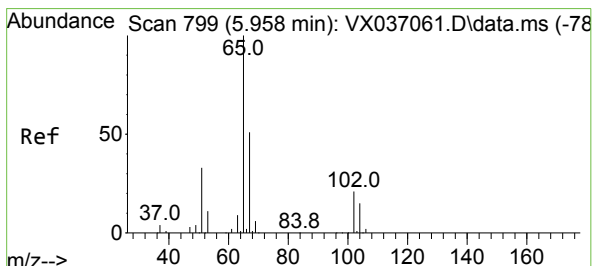
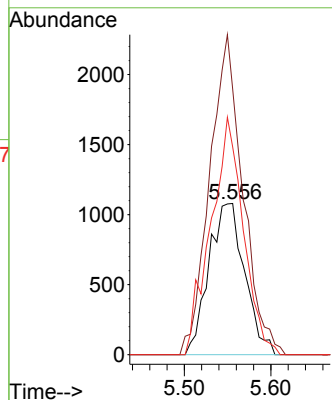
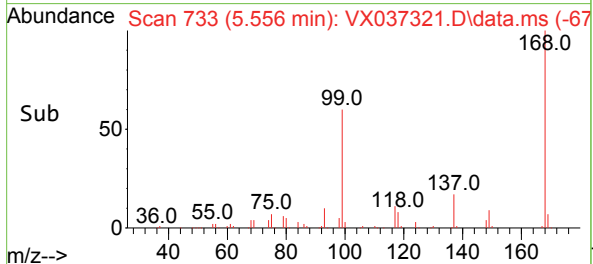


#31
Cyclohexane
Concen: 1.238 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX037321.D
Acq: 29 Aug 2023 05:34

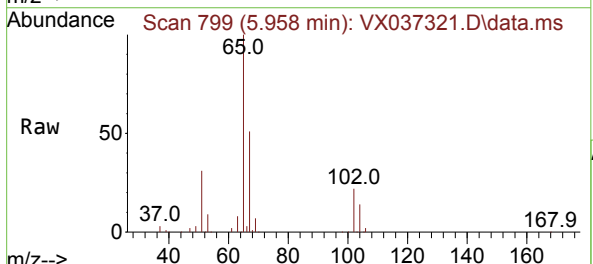
Instrument :
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RE131D1-20230821DL



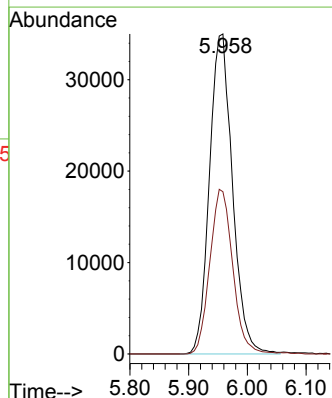
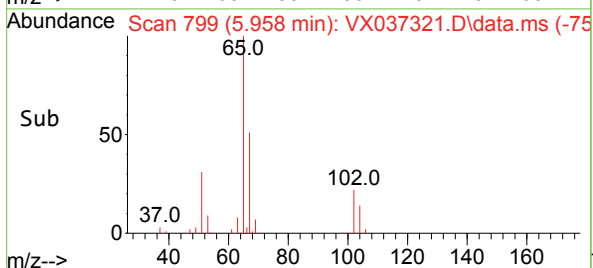
Tgt Ion: 56 Resp: 3108
Ion Ratio Lower Upper
56 100
69 175.6 23.4 35.2#
84 137.3 65.9 98.9#

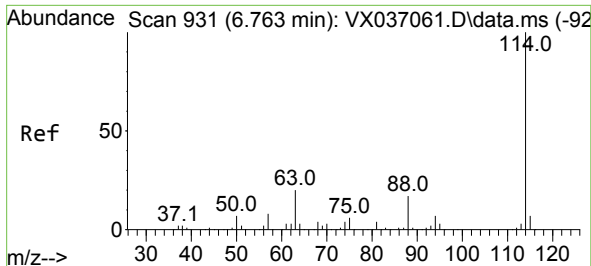


#33
1,2-Dichloroethane-d4
Concen: 42.608 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037321.D
Acq: 29 Aug 2023 05:34



Tgt Ion: 65 Resp: 95148
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.2

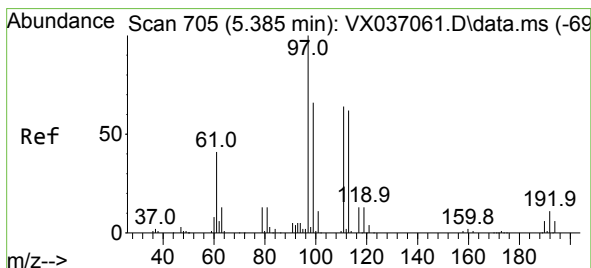
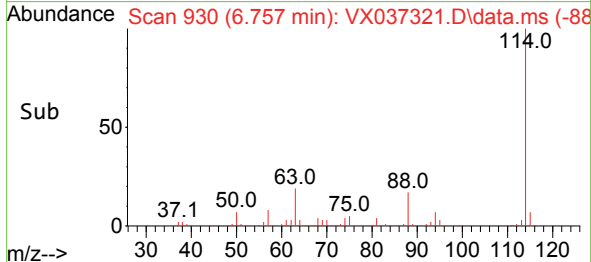
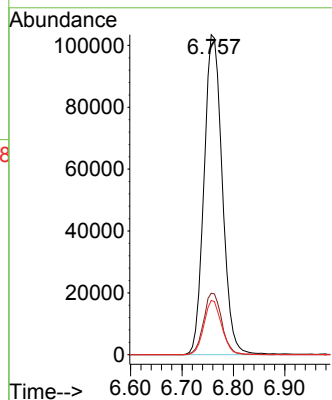
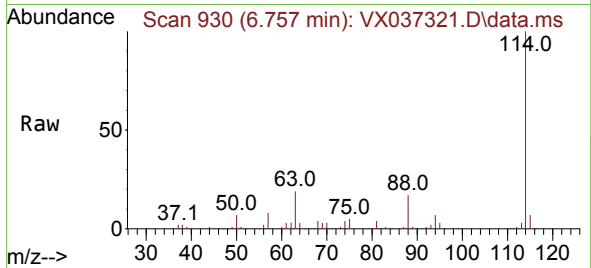




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX037321.D
Acq: 29 Aug 2023 05:34

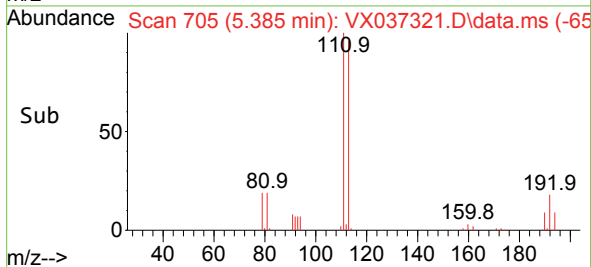
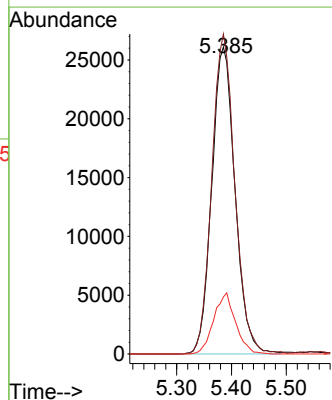
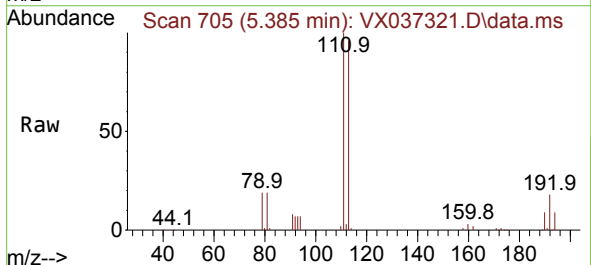
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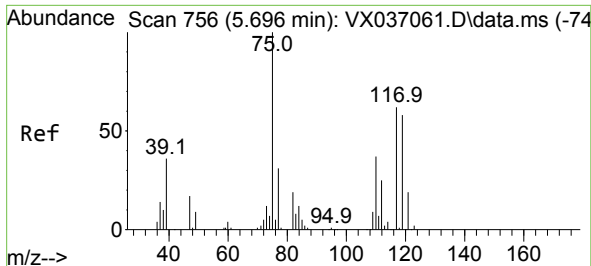
Tgt Ion:114 Resp: 254850
Ion Ratio Lower Upper
114 100
63 19.2 0.0 45.0
88 17.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.569 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037321.D
Acq: 29 Aug 2023 05:34

Tgt Ion:113 Resp: 76912
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 18.7 13.3 19.9

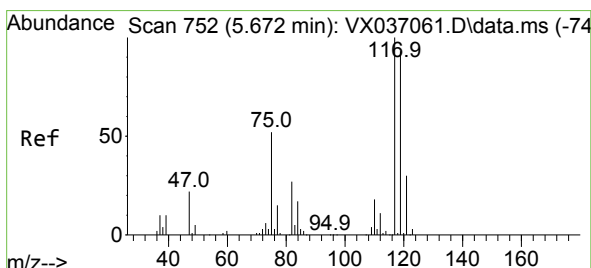
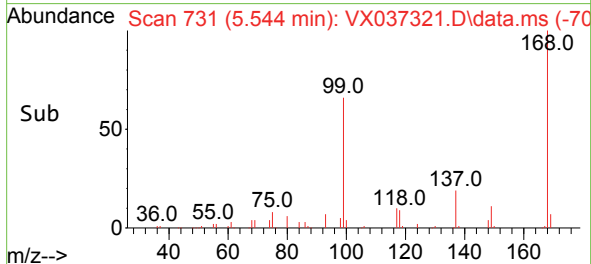
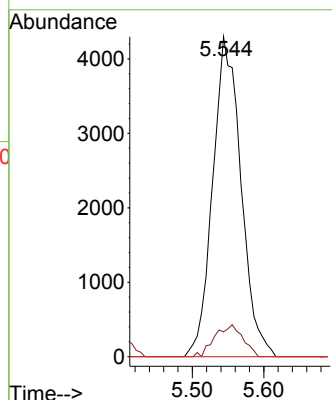
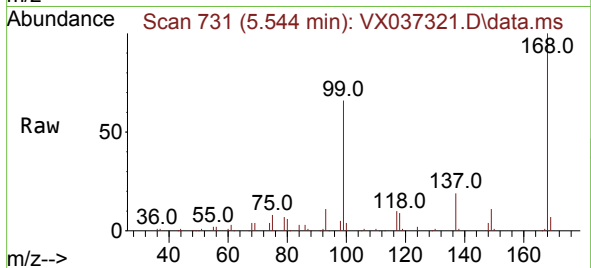




#36
1,1-Dichloropropene
Concen: 4.916 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX037321.D
Acq: 29 Aug 2023 05:34

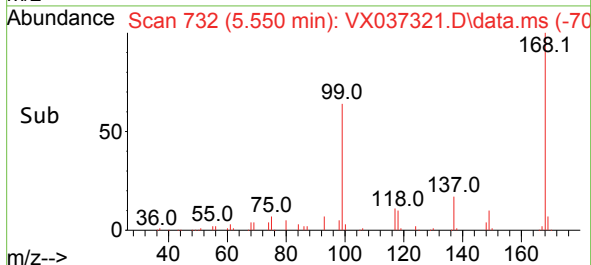
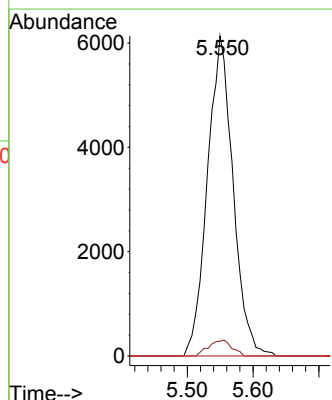
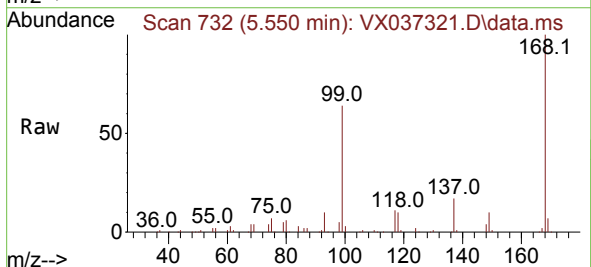
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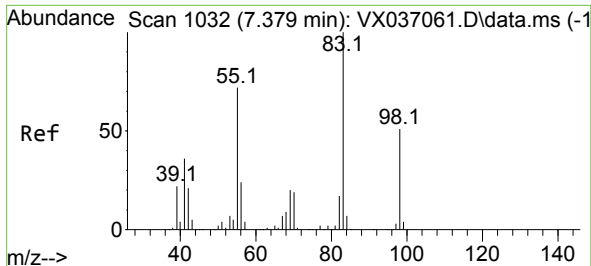
Tgt Ion: 75 Resp: 11787
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.386 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX037321.D
Acq: 29 Aug 2023 05:34

Tgt Ion: 117 Resp: 16633
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#

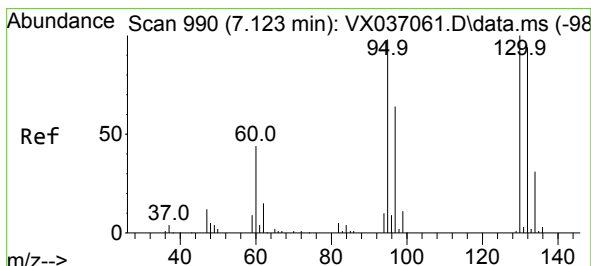
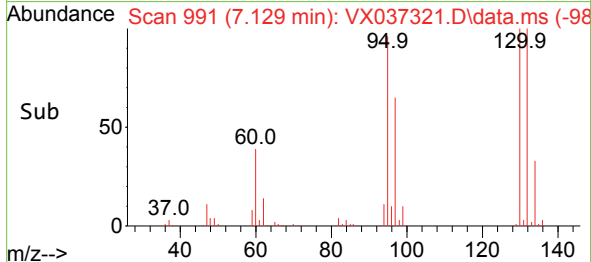
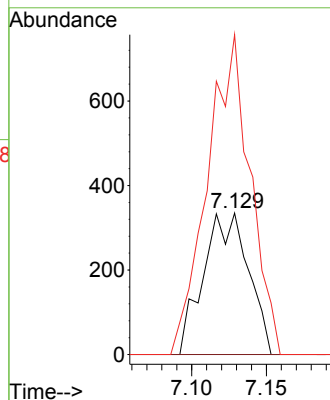
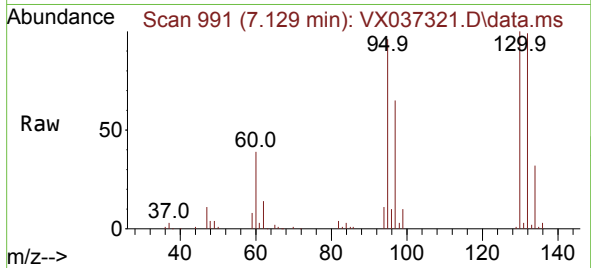




#39
Methylcyclohexane
Concen: 0.278 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.250 min
Lab File: VX037321.D
Acq: 29 Aug 2023 05:34

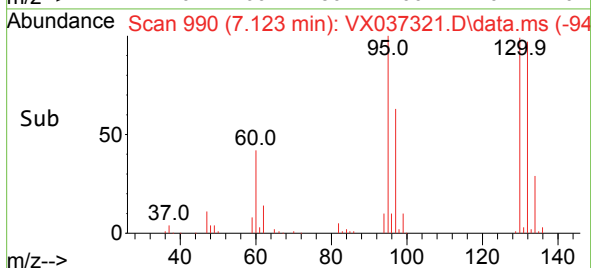
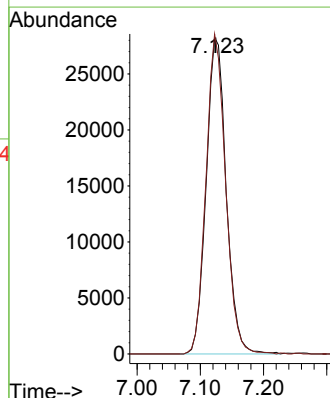
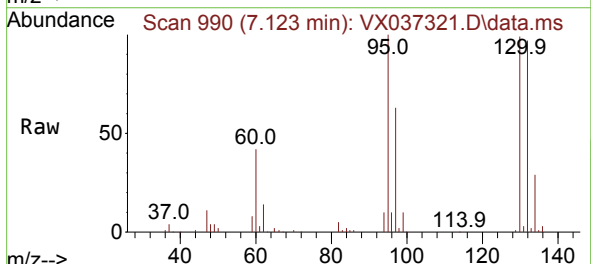
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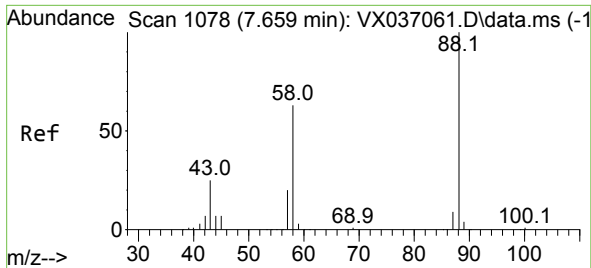
Tgt Ion: 83 Resp: 701
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 226.0 36.7 55.1#



#44
Trichloroethene
Concen: 31.887 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX037321.D
Acq: 29 Aug 2023 05:34

Tgt Ion:130 Resp: 62182
Ion Ratio Lower Upper
130 100
95 101.1 0.0 204.4

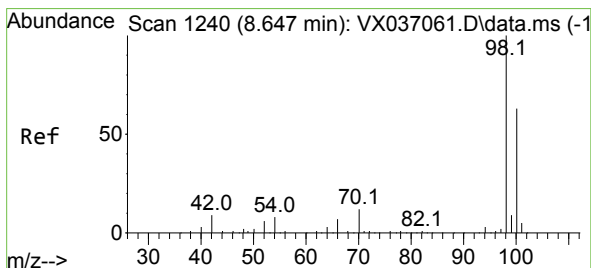
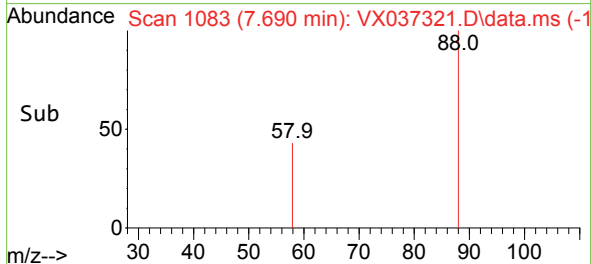
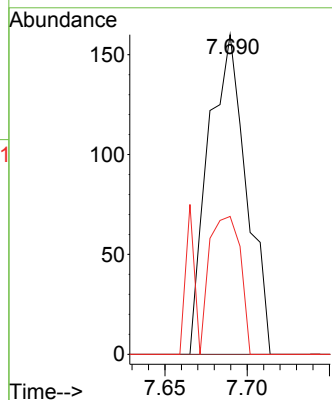
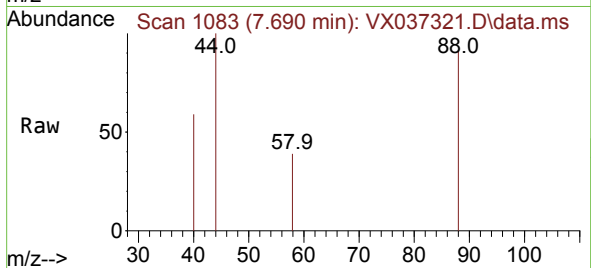




#49
1,4-Dioxane
Concen: 5.032 ug/l
RT: 7.690 min Scan# 1078
Delta R.T. 0.030 min
Lab File: VX037321.D
Acq: 29 Aug 2023 05:34

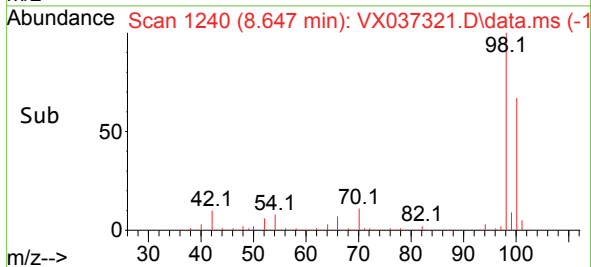
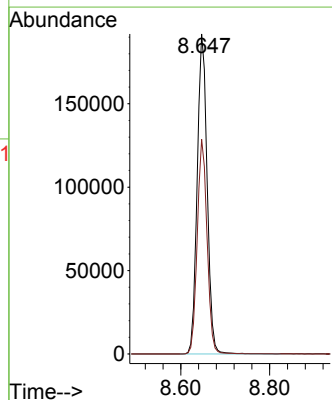
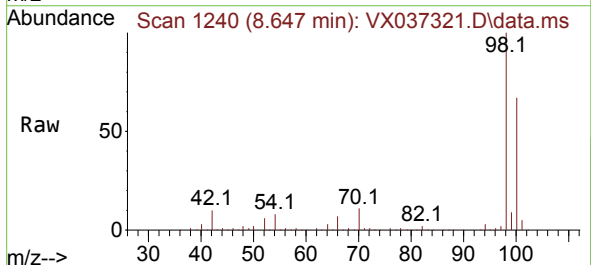
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20230821DL

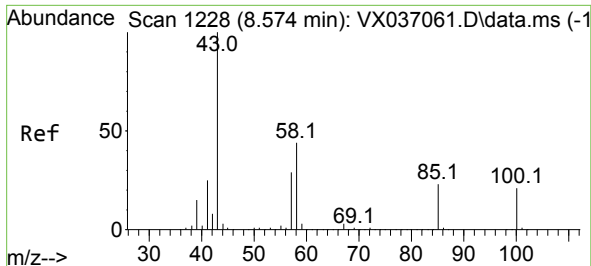
Tgt Ion: 88 Resp: 257
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 35.4 60.1 90.1#



#50
Toluene-d8
Concen: 48.496 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037321.D
Acq: 29 Aug 2023 05:34

Tgt Ion: 98 Resp: 296906
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7

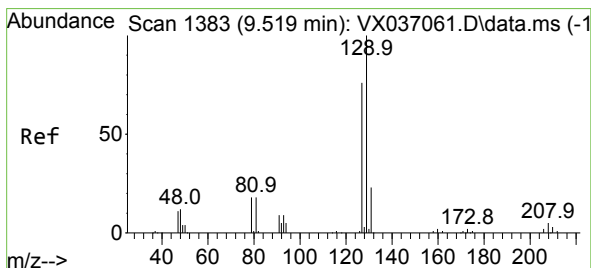
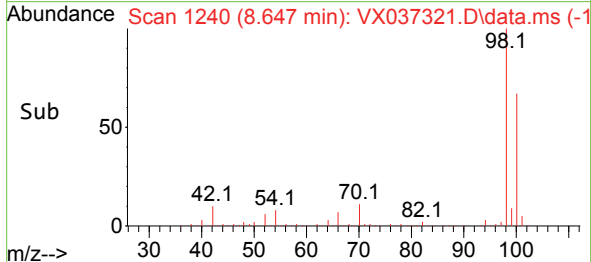
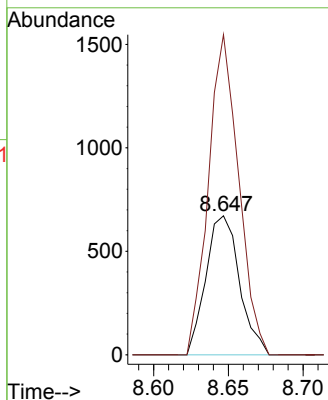
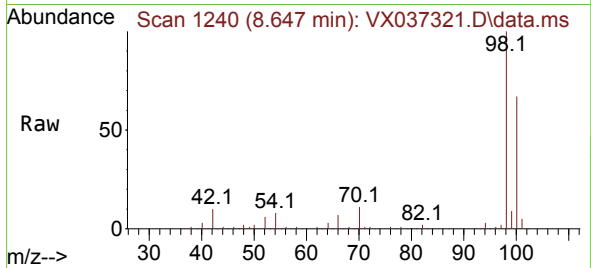




#51
4-Methyl-2-Pentanone
Concen: 0.444 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037321.D
Acq: 29 Aug 2023 05:34

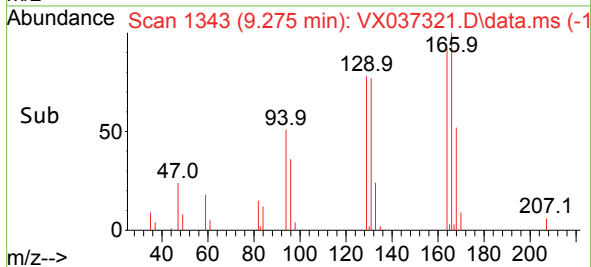
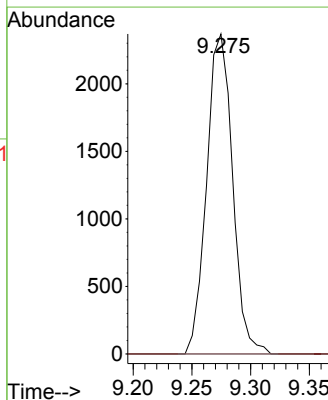
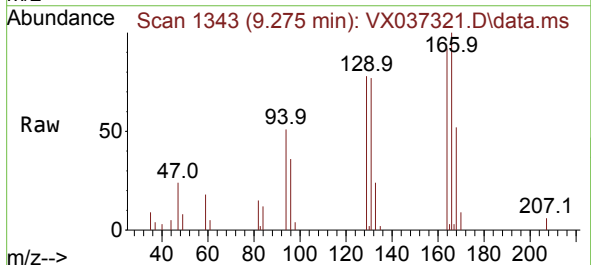
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20230821DL

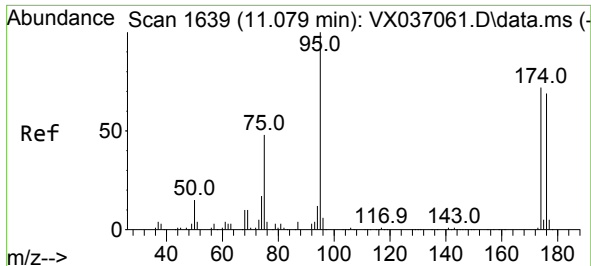
Tgt Ion: 43 Resp: 1049
Ion Ratio Lower Upper
43 100
58 207.5 30.4 45.6#



#60
Dibromochloromethane
Concen: 1.849 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX037321.D
Acq: 29 Aug 2023 05:34

Tgt Ion: 129 Resp: 3642
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

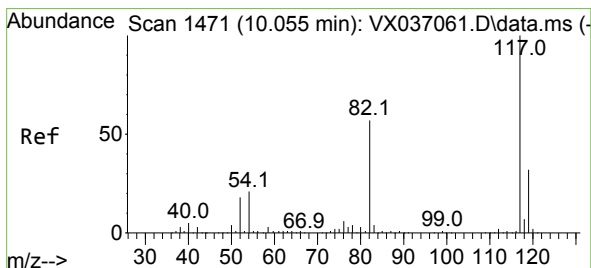
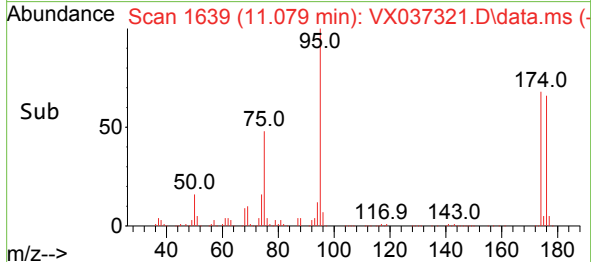
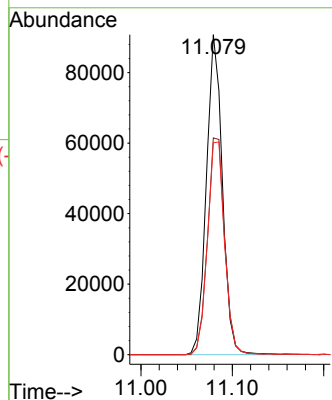
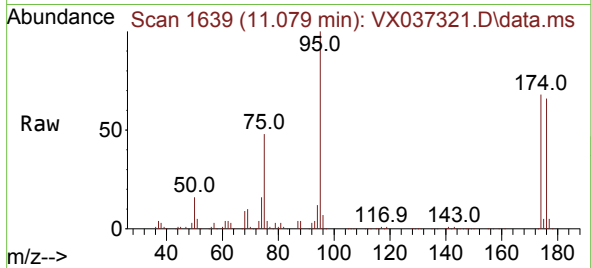




#62
4-Bromofluorobenzene
Concen: 45.612 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037321.D
Acq: 29 Aug 2023 05:34

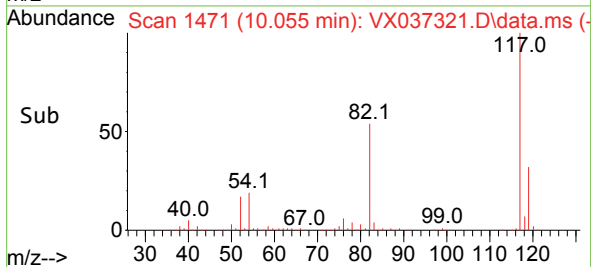
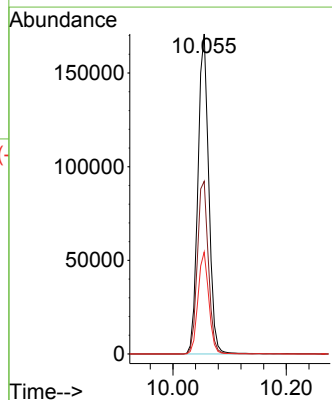
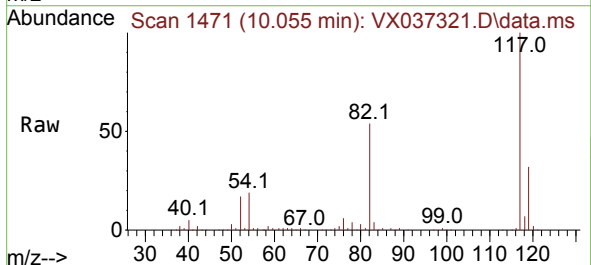
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20230821DL

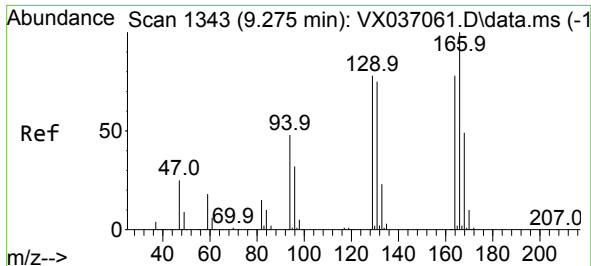
Tgt Ion: 95 Resp: 109741
Ion Ratio Lower Upper
95 100
174 73.3 0.0 135.6
176 71.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037321.D
Acq: 29 Aug 2023 05:34

Tgt Ion: 117 Resp: 226283
Ion Ratio Lower Upper
117 100
82 53.9 46.2 69.4
119 31.8 25.5 38.3

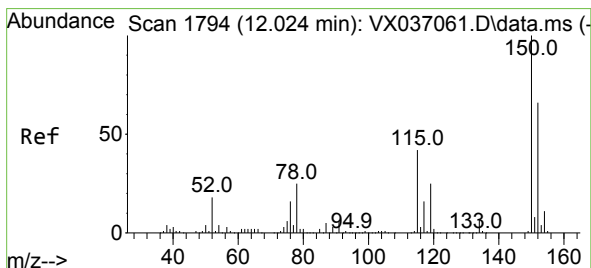
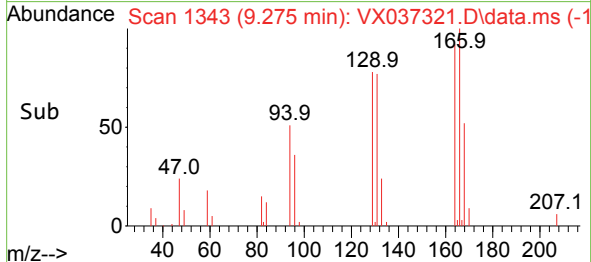
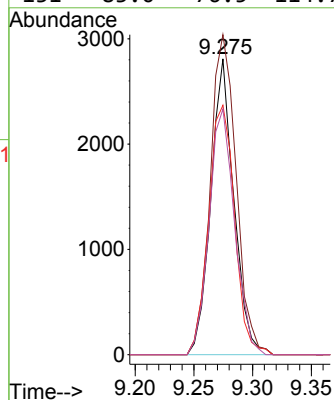
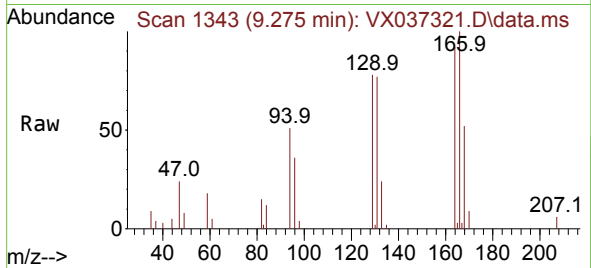




#64
Tetrachloroethene
Concen: 2.320 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037321.D
Acq: 29 Aug 2023 05:34

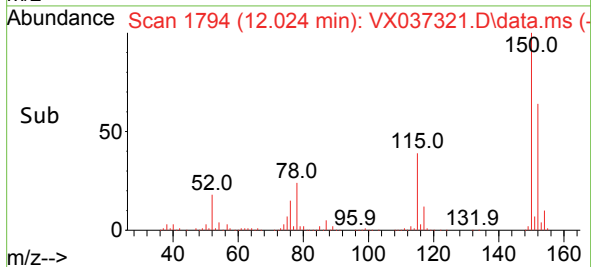
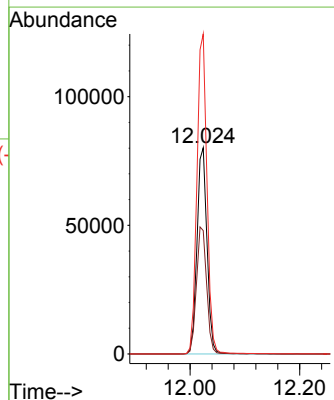
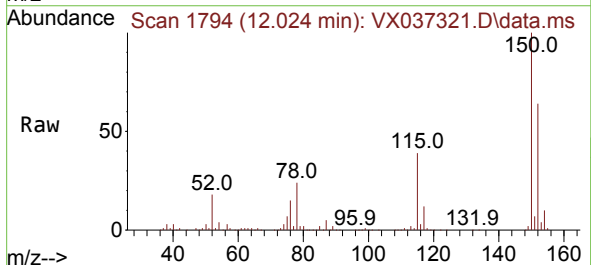
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20230821DL

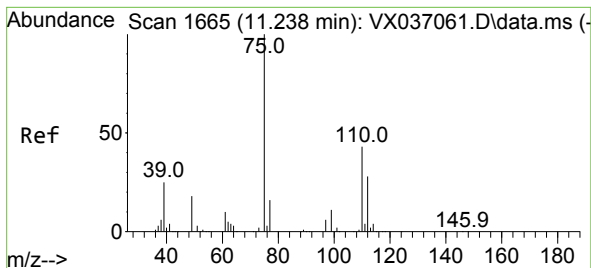
Tgt	Ion:164	Resp:	3830
Ion	Ratio	Lower	Upper
164	100		
166	108.1	102.7	154.1
129	84.3	80.4	120.6
131	83.0	76.5	114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037321.D
Acq: 29 Aug 2023 05:34

Tgt	Ion:152	Resp:	102218
Ion	Ratio	Lower	Upper
152	100		
115	62.8	43.3	129.9
150	156.1	0.0	345.0





#76

1,2,3-Trichloropropane

Concen: 24.706 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037321.D

Acq: 29 Aug 2023 05:34

Instrument :

MSVOA_X

ClientSampleId :

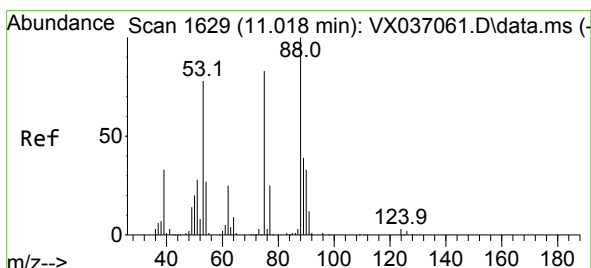
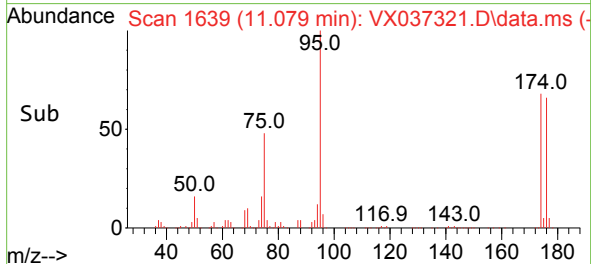
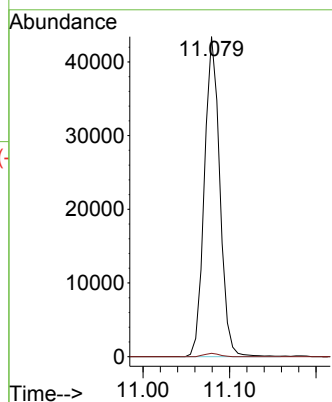
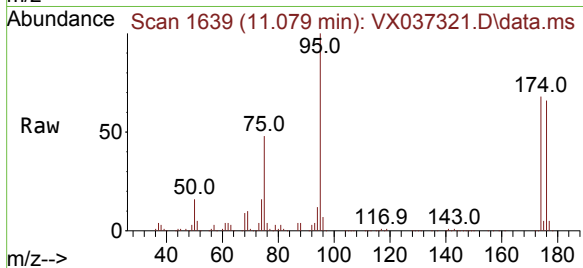
RE131D1-20230821DL

Tgt Ion: 75 Resp: 53782

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.004 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037321.D

Acq: 29 Aug 2023 05:34

Tgt Ion: 75 Resp: 53782

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

